

# Sumsam Ali

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## EDUCATION

FAST NATIONAL UNIVERSITY OF  
COMPUTE AND EMERGING SCIENCES,  
KARACHI  
BS(CS), 3.45 CGPA  
Expected graduation July 2024

## ACHIEVEMENTS

- Procom '23 code sprint (5th/50+ teams)
- Database design Runners-up '24 SMEC (40+ teams)
- Datacamp 2022, bronze Medalist (secured 40000+ points in 2 months)
- Dean's List (Fall '22, Spring '23)

## CERTIFICATIONS

- Deep Learning Specialization @DeepLearning.AI
- Machine Learning specialization @Deeplearning.AI
- LLM fine-tuning and Instruction tuning @Deeplearning.AI
- Intermediate Python @DataCamp
- Python Data Science Toolbox (Part 1) @DataCamp
- Python Data Science Toolbox (Part 2) @DataCamp
- Data Types for Data Science in Python @DataCamp
- Introduction to Data Science in Python @DataCamp
- Introduction to Python @DataCamp

## SKILLS

### LANGUAGES

Python • C/C++ • Java • ASM •  
Javascript • PHP • R

### LIBRARIES/Frameworks

TensorFlow • PyTorch • Langchain •  
Pandas • Matplotlib • vLLM • HTML/CSS  
• CUDA • Material UI • Scikit-Learn •  
CMake • CUDA

### PRODUCTIVITY

Git • Linux (Arch/Debian) • Bash (Shell Scripting) • Markdown • LaTeX • Figma •  
LucidChart (UML)

### DATABASES

MySQL • MongoDB • Oracle • Pinecone

## PROJECTS

### WISDOM DOC GENERATOR | AI AUTOMATION

Jul 2023 – Sep 2023

- Developed an Automated Wisdom Document generator using OpenAI API, Clickup API, Langchain, and Streamlit.
- Added techniques for Data Fetching, Data Preprocessing, and Prompt Engineering for document generation.

### COGNIASSESS PLATFORM | NON-TECHNICAL SKILLS ASSESSMENT

Oct 2023 – Present

- Developing a platform for revolutionizing non-technical roles assessments in the talent assessment sphere.
- Integrated LLM-driven assessment generation with real-time feedback and robust proctoring mechanism.

### STUDENT AUTO GRADING SYSTEM | EdTECH APPLICATION

Mar 2023 – Apr 2023

- Developed a deep learning application to automatically grade essays, using biLSTM, DeBerta models.
- Built with TensorFlow, Pytorch, Flask, MySQL, Hvplot.

### OPTICAL CHARACTER RECOGNITION SYSTEM | IMAGE TO TEXT

Jan 2023 – Mar 2023

- Implemented a CNN model to classify image text and convert the image to text with 95
- Responsible for architecture, requirement extraction, and implementation.

## EXPERIENCE

### MARKETLYTICS | AI INTERN

Jul 2023 - Sep 2023 | Karachi, Sindh, Pakistan

- Assisted in the design, development, and testing of AI-powered automation tools, leveraging LLMs.
- Collaborated with product, data science, and engineering teams to integrate generative AI solution.

### LYZOO TECHNOLOGIES | PROJECT BASED PROGRAMMING INTERN

May 2022 - July 2022 | Remote

- Collected and analyzed data using Python and SQL to inform business decisions and optimize workflows.
- Collaborated with teams to develop data-driven insights and recommendations for improving company performance.

### FIVERR | LEVEL 2 FREELANCER

Sep 2020 - Aug 2023 | Remote

- Provided freelance services in data analysis, visualization, and machine learning.
- Collaborated with clients to define project goals and deliverables.